

ABSTRACT

The invention uses an actual mobile vehicle whose operation is to be simulated, combined with computer-based image generation devices, and velocity, acceleration, and/ or position measurement tools to improve the simulated operation of the vehicle, including perception
5 of and response to hazards. Using the actual vehicle whose operation is to be simulated improves operator vestibular cues, visual cues, and motion fidelity, thereby producing a safer, less expensive means to produce the simulation.

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